

ENGINEERING CHANGE NOTICE

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1. ECN 196027

Proj.
ECN

2. ECN Category (mark one) Supplemental <input checked="" type="checkbox"/> Direct Revision <input type="checkbox"/> Change ECN <input type="checkbox"/> Temporary <input type="checkbox"/> Standby <input type="checkbox"/> Supersede <input type="checkbox"/> Cancel/Void <input type="checkbox"/>	3. Originator's Name, Organization, MSIN, and Telephone No. JM AYRES/100 AREA RI/H6-02/6-3918		4. Date 4/16/03
	5. Project Title/No./Work Order No. DOW FOR VADOSE DRILLING IN 100-FR-1, WHC-SD- EN-AP-091, Rev 2, P711A	6. Bldg./Sys./Fac. No. 740 STEVENS	7. Impact Level 3Q
	8. Document Numbers Changed by this ECN (includes sheet no. and rev.) WHC-SD-EN-AP-091, Rev 2	9. Related ECN No(s). 196026	10. Related PO No. NA
11a. Modification Work <input type="checkbox"/> Yes (fill out Blk. 11b) <input checked="" type="checkbox"/> No (NA Blks. 11b, 11c, 11d)	11b. Work Package No. NA	11c. Modification Work Complete NA Cog. Engineer Signature & Date	11d. Restored to Original Condition (Temp. or Standby ECN only) NA Cog. Engineer Signature & Date

12. Description of Change

Section 3.1.2, First Paragraph 1st sentence: Remove "by the geologist"
First Paragraph, Delete 3rd sentence ("Radionuclides will be ... Appendix A")
Second Paragraph, add the following action levels:
Screening/Sampling Criteria: Radionuclides = 100 cpm above site background
VOC = 5 ppm above site background



13a. Justification (mark one) As-Found <input checked="" type="checkbox"/>	Criteria Change <input type="checkbox"/>	Design Improvement <input type="checkbox"/>	Environmental <input type="checkbox"/>
	Facilitate Const. <input type="checkbox"/>	Const. Error/Omission <input type="checkbox"/>	Design Error/Omission <input checked="" type="checkbox"/>

13b. Justification Details

ADDITIONS TO CLARIFY FIELD PROCEDURES

14. Distribution (include name, MSIN, and no. of copies)

JM AYRES H6-02
RP HENCKEL H6-02
GS CORRIGAN H4-16
CENTRAL FILES (2) L8-04
EDMC (2) H6-08

RELEASE STAMP

OFFICIAL RELEASE (11)
BY WHC
DATE APR 16 1993

Stetson # 12

ENGINEERING CHANGE NOTICE

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1. ECN (use no. from pg. 1)

196027

15. Design Verification Required	16. Cost Impact				17. Schedule Impact (days)
	ENGINEERING		CONSTRUCTION		
<input type="checkbox"/> Yes	Additional	<input type="checkbox"/> \$	Additional	<input type="checkbox"/> \$	Improvement <input type="checkbox"/>
<input checked="" type="checkbox"/> No	Savings	<input type="checkbox"/> \$	Savings	<input type="checkbox"/> \$	Delay <input type="checkbox"/>

18. Change Impact Review: Indicate the related documents (other than the engineering documents identified on Side 1) that will be affected by the change described in Block 12. Enter the affected document number in Block 19.


Document	Affected	Document	Affected	Document	Affected
SDD/DD	<input type="checkbox"/>	Seismic/Stress Analysis	<input type="checkbox"/>	Tank Calibration Manual	<input type="checkbox"/>
Functional Design Criteria	<input type="checkbox"/>	Stress/Design Report	<input type="checkbox"/>	Health Physics Procedure	<input type="checkbox"/>
Operating Specification	<input type="checkbox"/>	Interface Control Drawing	<input type="checkbox"/>	Spares Multiple Unit Listing	<input type="checkbox"/>
Criticality Specification	<input type="checkbox"/>	Calibration Procedure	<input type="checkbox"/>	Test Procedures/Specification	<input type="checkbox"/>
Conceptual Design Report	<input type="checkbox"/>	Installation Procedure	<input type="checkbox"/>	Component Index	<input type="checkbox"/>
Equipment Spec.	<input type="checkbox"/>	Maintenance Procedure	<input type="checkbox"/>	ASME Coded Item	<input type="checkbox"/>
Const. Spec.	<input type="checkbox"/>	Engineering Procedure	<input type="checkbox"/>	Human Factor Consideration	<input type="checkbox"/>
Procurement Spec.	<input type="checkbox"/>	Operating Instruction	<input type="checkbox"/>	Computer Software	<input type="checkbox"/>
Vendor Information	<input type="checkbox"/>	Operating Procedure	<input type="checkbox"/>	Electric Circuit Schedule	<input type="checkbox"/>
OM Manual	<input type="checkbox"/>	Operational Safety Requirement	<input type="checkbox"/>	ICRS Procedure	<input type="checkbox"/>
FSAR/SAR	<input type="checkbox"/>	IEFD Drawing	<input type="checkbox"/>	Process Control Manual/Plan	<input type="checkbox"/>
Safety Equipment List	<input type="checkbox"/>	Cell Arrangement Drawing	<input type="checkbox"/>	Process Flow Chart	<input type="checkbox"/>
Radiation Work Permit	<input type="checkbox"/>	Essential Material Specification	<input type="checkbox"/>	Purchase Requisition	<input type="checkbox"/>
Environmental Impact Statement	<input type="checkbox"/>	Fac. Proc. Samp. Schedule	<input type="checkbox"/>		<input type="checkbox"/>
Environmental Report	<input type="checkbox"/>	Inspection Plan	<input type="checkbox"/>		<input type="checkbox"/>
Environmental Permit	<input type="checkbox"/>	Inventory Adjustment Request	<input type="checkbox"/>		<input type="checkbox"/>

19. Other Affected Documents: (NOTE: Documents listed below will not be revised by this ECN.) Signatures below indicate that the signing organization has been notified of other affected documents listed below.

Document Number/Revision	Document Number/Revision	Document Number/Revision

20. Approvals

Signature	Date	Signature	Date
OPERATIONS AND ENGINEERING		ARCHITECT-ENGINEER	
Cog Engineer JM AYRES	4/16/93	PE	
Cog. Mgr. RP HENCKEL	4/14/93	QA	
QA GS CORRIGAN	4-16-93	Safety	
Safety		Design	
Security		Environ.	
Environ.		Other	
Projects/Programs			
Tank Waste Remediation System			
Facilities Operations		DEPARTMENT OF ENERGY	
Restoration & Remediation		Signature or Letter No.	
Operations & Support Services			
IRM		ADDITIONAL	
Other			

Date Received: 4/16/93 <i>AS</i>		INFORMATION RELEASE REQUEST		Reference: WHC-CM-3-4	
Complete for all Types of Release					
Purpose <input type="checkbox"/> Speech or Presentation <input type="checkbox"/> Full Paper (Check only one suffix) <input type="checkbox"/> Summary <input type="checkbox"/> Abstract <input type="checkbox"/> Visual Aid <input type="checkbox"/> Speakers Bureau <input type="checkbox"/> Poster Session <input type="checkbox"/> Videotape			<input type="checkbox"/> Reference <input checked="" type="checkbox"/> Technical Report <input type="checkbox"/> Thesis or Dissertation <input type="checkbox"/> Manual <input type="checkbox"/> Brochure/Flier <input type="checkbox"/> Software/Database <input type="checkbox"/> Controlled Document <input type="checkbox"/> Other		
			ID Number (include revision, volume, etc.) ECN196027		
			List attachments. SD-EN-AP-091 Rev 2		
			Date Release Required 4/16/93		
Title Description of Work for Vadose Drilling in the 100-FR-1 Operable Unit				Unclassified Category UC-NA	
New or novel (patentable) subject matter? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes If "Yes", has disclosure been submitted by WHC or other company? <input type="checkbox"/> No <input type="checkbox"/> Yes (Disclosure Note).				Information received from others in confidence, such as proprietary data, trade secrets, and/or inventions? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Identify)	
Copyrights? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes If "Yes", has written permission been granted? <input type="checkbox"/> No <input type="checkbox"/> Yes (Attach Permission)				Trademarks? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Identify)	
Complete for Speech or Presentation					
Title of Conference or Meeting NA			Group or Society Sponsoring NA		
Date(s) of Conference or Meeting NA		City/State NA		Will proceedings be published? <input type="checkbox"/> Yes <input type="checkbox"/> No Will material be handed out? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Title of Journal NA					
CHECKLIST FOR SIGNATORIES					
Review Required per WHC-CM-3-4		Yes No		Reviewer - Signature Indicates Approval	
				Name (printed) Signature Date	
Classification/Unclassified Controlled		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Nuclear Information		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Patent - General Counsel		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Legal - General Counsel		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Applied Technology/Export Controlled		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Information or International Program		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
WHC Program/Project		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Communications		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
RL Program/Project		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Publication Services		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Other Program/Project		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Information conforms to all applicable requirements. The above information is certified to be correct.					
References Available to Intended Audience <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Transmit to DOE-HQ/Office of Scientific and Technical Information <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		INFORMATION RELEASE ADMINISTRATION APPROVAL STAMP Stamp is required before release. Release is contingent upon resolution of mandatory comments. <div style="text-align: center;">  </div>			
Author/Requestor (Printed/Signature) Date JM AYRES <i>[Signature]</i> 4/16/93					
Intended Audience <input type="checkbox"/> Internal <input type="checkbox"/> Sponsor <input checked="" type="checkbox"/> External					
Responsible Manager (Printed/Signature) Date RP HENCKEL <i>[Signature]</i> 4/16/93		Date Cancelled Date Disapproved			